

Analysis of a sample of the article by this department showed that it consisted essentially of formaldehyde, extracts of plant drugs including sassafras, alcohol, and water. Bacteriological examination showed that the article was not antiseptic in the dilutions recommended upon the label.

It was alleged in the libel that the article was adulterated in that its strength fell below the professed standard or quality under which it was sold, viz: (Carton, bottle label, and both circulars) "Germicide;" (bottle label and small circular) "Disinfectant;" and (bottle label) "Antiseptic."

Misbranding was alleged for the reason that the following statements were false and misleading: (Carton) "Quick, Effectual, Positive \* \* \* Germicide Germs Grappled;" (bottle label) "Germicide \* \* \* Germs Grappled \* \* \* Antiseptic, disinfectant \* \* \* A vegetable preparation;" (small circular) "Germs Grappled \* \* \* Germicide \* \* \* As a disinfectant for the skin, wounds, cuts, abrasions, to prevent blood poison \* \* \* Preventive. The use of G. G. Germicide \* \* \* in an inhaler or pour ½ teaspoon on the stove, will lessen the risk of infection in districts where diphtheria, influenza, scarlet fever, whooping cough, or where any contagion is prevalent. \* \* \* A safe family medicine \* \* \* Safety first;" and (large circular) "Germs grappled, germicide \* \* \* A long tried out and non surpassed germicide \* \* \* a safe family medicine \* \* \* Safety First." Misbranding was alleged for the further reason that the following statements regarding the curative or therapeutic efforts of the article, borne on the labeling, were false and fraudulent, since the article contained no ingredient or combination of ingredients capable of producing the effects claimed: (Small circular) "Grippe Grippled \* \* \* Headache and Neuralgia \* \* \* In severe cases, \* \* \* Nasal Catarrh \* \* \* Sore Throat, Bronchitis, Influenza \* \* \* for the skin, wounds, cuts, abrasions, to prevent blood-poisoning \* \* \* For Indigestion, Sour Stomach, Gas in Stomach, Pain in Stomach, Heartburn, Dyspepsia, Diarrhoea and Purifying the Blood \* \* \* 'G. G.' cured Catarrh for me, \* \* \* I have used 'G. G.' in contagious diseases;" (large circular) "Grippe Grippled \* \* \* I have little doubt in my mind that ere this reaches your hands it will be my lot to sleep with the dead. I get no sleep, but cough about sixty times a minute. The members of my family are looking for my end every night. My cough is caused by Catarrh \* \* \* A bottle of G. G. Germicide was immediately sent \* \* \* It is one week today since I received \* \* \* the Germicide \* \* \* The first time I used it, it brought away about a quarter of a pint of phlegm \* \* \* it is just the remedy I needed. \* \* \* remedies for Catarrh. The G. G. Germicide \* \* \* eclipsed all others by giving complete success. \* \* \* It is now well known that Catarrh is caused by bacteria, which multiply very rapidly. \* \* \* Germicide \* \* \* deserves the premium as a valuable Catarrh remedy. \* \* \* During the epidemic of Smallpox \* \* \* I contracted the disease \* \* \* My wife used G. G. freely about the house and although my family was with me all the time not one of them took the disease \* \* \* if you want a Germicide that will ward off Smallpox get G. G. \* \* \* G. G. cured Catarrh for me \* \* \* I have used G. G. in contagious diseases;" (bottle label) "For Relief of Nasal Catarrh \* \* \* Headache, Neuralgia, Sore Throat and Bronchitis;" and (carton) "When Well Keep Well \* \* \* Grippe Grippled \* \* \* For \* \* \* Catarrh, Influenza, Bronchitis. For Cuts, Wounds \* \* \* Prevents Blood Poison."

On February 7, 1930, no claimant having appeared for the property, judgment of condemnation and forfeiture was entered, and it was ordered by the court that the product be destroyed by the United States marshal.

ARTHUR M. HYDE, *Secretary of Agriculture.*

**17087. Adulteration and misbranding of Muco-Solvent, and misbranding of Muco-Solvent salve. U. S. v. 53 Packages of Muco-Solvent, et al. Default decrees of destruction entered. (F. & D. Nos. 23381, 23875, 24076. I. S. Nos. 05227, 05240, 019609, 019610. S. Nos. 1522, 2038, 2312.)**

On February 16, July 19, and September 24, 1929, respectively, the United States attorney for the District of Minnesota, acting upon reports by the Secretary of Agriculture, filed in the District Court of the United States for said district libels praying seizure and condemnation of 13 5/12 dozen bottles of Muco-Solvent and 5 11/12 dozen packages of Muco-Solvent salve at Minneapolis, Minn., alleging that the articles had been shipped from Memphis, Tenn., in

part by the Hessig-Ellis Drug Co., and in part by the Van-Vleet Ellis Corporation, in various lots between the dates of August 9, 1928 and August 23, 1929, and transported from the State of Tennessee into the State of Minnesota, and charging adulteration and misbranding with respect to the former, and misbranding with respect to the latter, in violation of the food and drugs act as amended.

Analysis of a sample of the article by this department showed that the Muco-Solvent salve consisted essentially of petrolatum containing volatile oils including camphor, menthol, and turpentine, and spearmint oils; and Muco-Solvent consisted essentially of salicylic acid (2.5 grams per 100 cubic centimeters), extracts of plant drugs including sanguinaria, glycerin, alcohol (27.6 per cent by volume), and water.

Adulteration of the Muco-Solvent was alleged in the information for the reason that it was sold under the following standard of strength: "Muco-Solvent is a vegetable compound, a solution of Nature's antiseptics. \* \* \* It is made of Nature's remedies—leaves, herbs, roots, etc. Measles \* \* \* The specific action of Muco-Solvent upon the Mucous Membrane destroys the germ," whereas the strength of the said article fell below such professed standard. Misbranding of the said Muco-Solvent was alleged for the reason that the following statements appearing in the labeling were false and misleading: (Booklet) "Muco-Solvent is a vegetable compound, a solution of nature's antiseptics. \* \* \* It is made of Nature's remedies—leaves, herbs, roots, etc. \* \* \* It is a germicide in the use of which the bacilli is killed and the accumulated mass dissolved and disintegrated. It contains no \* \* \* harmful drug, and may be safely administered to the youngest infant as well as to adults. \* \* \* Its action is that of a \* \* \* antiseptic. \* \* \* It wins its victory by destroying the disease germs. \* \* \* Measles \* \* \* The specific action of Muco-Solvent upon the Mucous Membrane destroys the germ;" (carton and bottle labels) "Contents average 18 per cent alcohol." Misbranding of the said Muco-Solvent was alleged for the further reason that the package failed to bear a statement on the label of the quantity or proportion of alcohol contained therein, since the quantity stated was not correct. Misbranding was alleged with respect to both products for the reason that the following statements regarding the curative and therapeutic effects of the articles, borne on the labels, were false and fraudulent, since they contained no ingredients or combinations of ingredients capable of producing the effects claimed: (Muco-Solvent, bottle label) "For internal use in attacks of Catarrh \* \* \* Sore Throat, Tonsillitis-Quinsy;" (carton) "For \* \* \* Sore Throat, Tonsillitis, Catarrh, etc. \* \* \* For \* \* \* Catarrh, Tonsillitis, Quinsy, Sore Throat;" (booklet) "The mission of this little book is to give the Mother (who is the doctress of all ills in the home), as well as any other members of the household, a simple treatment of coughs, colds, grippe and other similar ailments of the mucous membrane, to prevent their growing into serious maladies. \* \* \* All the children of my family had a severe attack of Diphtheria, which was successfully treated and no serious effects resulted from said disease, and we candidly think we escaped serious results by a thorough application of Muco-Solvent. We used this medicine only, administered plenty of it; the results are so satisfactory that we cheerfully give this testimonial. When it is understood that diphtheria was prevalent and nearly all families in our vicinity were affected by it and many deaths occurred, we feel more than thankful that we discovered this remedy in time. \* \* \* Muco-Solvent \* \* \* We not only value it for its marvelous worth in all acute ailments accompanied with throat affections or coughs, but for its general usefulness as well. Our faith in it is so strong we use it for about everything. We have never used anything so effective for sores, \* \* \* It heals quickly and prevents festering. \* \* \* I have used Muco-Solvent in my family for sore throat, measles and catarrh in the head, and it cures every time. Several of my friends have used it for croup with their children, and made remarkable cures \* \* \* we have used your throat medicine, Muco-Solvent, for more than 17 years. We have kept it ready for use during all of this time and find it a specific, not only for all kinds of throat troubles, but also for any inflammation or laceration of the mucous membrane surfaces. \* \* \* Have been troubled with quinsy for over 20 years \* \* \* remedies \* \* \* have never found one which gave as good results as yours. Can heartily commend it for all who need a medicine for sore throat \* \* \* we know (because it has been proved in millions of cases) that Muco-Solvent, if taken in time, will prevent diseases of the mucous membrane from gaining

headway and developing into serious illness. The slight cough or cold is very often the forerunner of La Grippe, Sore Throat, Influenza, Tonsillitis, Quinsy, and the dreaded Diphtheria. These coughs \* \* \* can be quickly checked with the prompt use of Muco-Solvent. Keep a bottle of Muco-Solvent on the shelf at all times and prevent sickness in your home. \* \* \* Muco-Solvent will afford quick relief for Coughs \* \* \* Sore Throat, La Grippe, and will tend to prevent an attack of Influenza, Diphtheria, etc. \* \* \* Muco-Solvent (originally known as 'Diphtheria Preventive and Cure') \* \* \* throat specialist \* \* \* he saved thousands by his great discovery, Muco-Solvent. \* \* \* during an epidemic of Diphtheria, this medicine was brought to the attention of a wealthy lumberman. \* \* \* By its use his sister, and later two daughters, were cured of Diphtheria. \* \* \* its success being so marked, not only in the treatment of Diphtheria cases, but in all throat troubles \* \* \* a specific for all suppurative and inflammatory diseases of the mucous membrane \* \* \* as its name implies, is a solvent or a special remedy for the treatment of those diseases which attack the mucous membrane. Its action is that of a \* \* \* healing antiseptic. It breaks down and dissolves the mucous gathering in the throat or air passages and assists Nature in carrying away the accumulated mass. \* \* \* Used internally it is a specific for preventing or arresting the development of every ailment accompanied by a cough, sore throat, or any inflamed condition of the mucous surfaces, such as \* \* \* Tonsillitis, Bronchitis, Quinsy, Croup, Whooping Cough, Grippe, Influenza, Catarrh, Hay Fever, Diphtheria, etc. \* \* \* for treating the nose or throat \* \* \* to prevent development of serious illness. Muco-Solvent And Muco Salve Prevent The Common Cold From Gaining Headway. \* \* \* A so-called 'cold' may also be the first sign of measles, whooping cough, or diphtheria in infants. \* \* \* An ordinary cold, a little cough, a slight hoarseness or a sore throat—these are the beginnings of more diseases than almost any other bodily disturbance \* \* \* neglected, they may quickly develop into a serious or even fatal disease. \* \* \* Muco-Solvent is wonderfully successful in arresting and relieving colds, coughs, and all throat and bronchial troubles. It acts as a germicide, effecting its relief by destroying the germs of disease. \* \* \* Directions \* \* \* Take \* \* \* until relieved. \* \* \* Sore Throat \* \* \* Directions. Gargle the throat with Muco-Solvent, slightly diluted with water every half hour and swallow a teaspoonful of Muco-Solvent, full strength, every two hours until relieved \* \* \* Whooping Cough \* \* \* The danger in the disease lies in the weakening effect on the child's system, and subsequent liability to attacks of \* \* \* pneumonia and bronchitis. Muco-Solvent is of particular value in preventing these troubles and in easing the coughing \* \* \* Before it is clearly recognized, that is, before the whooping begins, there are from five to fourteen days when it cannot be told from an ordinary severe cough; that is the time for the mother to take action, and by the use of Muco-Solvent seek to prevent the more serious symptoms. Whooping cough fully developed is a stubborn ailment, but even then Muco-Solvent will mitigate its violence and, in very many cases, effectually relieve as well as fortify the child against throat and lung troubles, which often follow the disease. Directions. Swallow ordinary dose every two, three, or four hours, according to severity of case. Also gargle throat with Muco-Solvent at like intervals between internal doses. If patient cannot gargle, use throat brush or swab. \* \* \* Croup \* \* \* unless checked quickly is likely to lead to more serious complications. Croup is an inflammation of the larynx, including the throat and trachea, which results in an exudation that coagulates, forming a pseudo-membrane on those parts. \* \* \* The prompt use of Muco-Solvent will often prevent serious development. \* \* \* Directions. Swallow double the ordinary dose every 15 to 20 minutes until relieved. Usually two or three such doses are sufficient. \* \* \* Tonsillitis—Quinsy \* \* \* Muco-Solvent, administered promptly, will relieve quickly and prevent suppuration. \* \* \* Measles \* \* \* The specific action of Muco-Solvent upon the Mucous Membrane destroys the germ and hastens a cure. \* \* \* Diphtheria \* \* \* In treating Diphtheria, it is necessary to reach the seat of trouble—the medicine must get to the germs in order to check and destroy them before they get into the blood. Muco-Solvent should, therefore, be used as a douche or spray as well as taken internally. It should also be used as a gargle in treating Diphtheria sore throat. \* \* \* Muco-Solvent will probably give relief and will arrest the growth of this malady until medical aid is secured. \* \* \* we have great faith in Muco-Solvent, and since it is not incompatible with other medicine we urge its continuous use regardless of what

else the patient may be taking. \* \* \* Scarlet Fever. The throat is chiefly affected in Scarlet Fever. It is the Mucous Membrane that is first involved, the same as in Diphtheria. In Scarlet Fever, as well as in Measles, Muco-Solvent, if given early, will act as an entire preventive, giving speedy relief or cut short the course of the disease. As Preventive During Epidemics \* \* \* Sores and Skin Diseases: Used externally, Muco-Solvent \* \* \* Muco-Solvent is the true household remedy in treating all throat troubles. \* \* \* In the treatment of \* \* \* Catarrh, Hay Fever, and any other affection of the Mucous Membranes, a solution of Muco-Solvent may be inhaled with absolute confidence in the results to be obtained. \* \* \* Muco-Solvent and Muco Salve are Household Remedies and indispensable because of their dependability in treating all membranous affections such as \* \* \* Coughs, Sore Throat, Tonsillitis, Bronchitis, Croup, Whooping Cough, Grippe, Influenza, Diphtheria, etc. \* \* \* they are a preventive as well as a cure. They arrest the development of all contagious, germ, and bacterial diseases;" (Muco-Solvent salve, label) "Pneumonia \* \* \* At the first indication of serious illness send for the best physician available. Next apply well heated towels for five minutes to the chest, lower part of the throat, back and between the shoulder blades and the side, or sides, that pain. Rub Muco-Solvent Salve into the surfaces, heating thoroughly. Spread it on thickly, and cover with hot white flannel cloths, if available. Always have the cloths loose around the throat and chest, so that the vapors arising may be freely inhaled. Repeat this application every 4 to 8 hours. Influenza. For treatment of influenza, follow directions as indicated for pneumonia. \* \* \* Piles \* \* \* Boils, Etc. \* \* \* Croup—Spasmodic. Rub thoroughly over the throat and chest and allow the child to freely inhale the vapors until the difficult breathing shows signs of relief. \* \* \* Catarrh \* \* \* Bronchitis, Asthma, Whooping Cough. Melt in a spoon a piece as large as the end of the little finger, and carefully inhale the vapors. Follow with a thorough application up the nostrils until relieved. \* \* \* Sore Throat, Tonsillitis, Coughs. Follow directions as for Croup. Swallow a piece about the size of the end of the little finger;" (carton) "Contains \* \* \* healing oils \* \* \* Muco-Solvent Salve is \* \* \* relief for all forms of Congestion and Inflammation not serious enough for your doctor's care. Muco-Solvent Salve when inhaled, releases the vapors and fumes that heal \* \* \* The strong antiseptic qualities of the Salve stop the advance of the disease germs \* \* \* will give you quick relief for Asthma, Bronchitis, Catarrh \* \* \* Croup, Sore Throat, Whooping Cough \* \* \* Boils, Pimples \* \* \* Neuralgia, Influenza;" (booklet) "Muco-Solvent Salve may be used with success \* \* \* in the treatment of congestion and inflammation of the respiratory organs of the skin, muscles and tissues. \* \* \* When applied \* \* \* 1st Externally. \* \* \* It attracts the blood to the parts affected, thus aiding the vapors inhaled to scatter congestion. 2nd Internally. When applied internally, the body heat releases the healing oils in the form of vapors. These vapors arising from the chest and throat are inhaled and the medication is carried directly to the air passages and to the lungs. \* \* \* Used promptly and in accordance with directions it will cut short many serious diseases and prevent an apparently slight trouble from growing into something more serious. \* \* \* Asthma. Muco-Solvent Salve should not be considered as a cure for Asthma, but it is a most effective means of relief. Apply well over the spinal column from neck to hips. This serves to relieve the nervous tension which is one of the causes of this disease. It should be then applied freely to the chest and throat and covered with hot flannel. Renew the flannels frequently and keep them loose so that the vapors may be freely and easily inhaled. Melt Muco-Solvent Salve in a spoon or tin cup and inhale the vapors or use a teakettle. Bronchitis \* \* \* rub well over the throat and chest and cover with warm flannel. Always keep the flannel loose and renew the application frequently until the patient is relieved. Catarrh \* \* \* Muco-Solvent Salve will often give you prompt relief. Inhale the fumes as directed in the Asthma treatment and rub Muco-Solvent well into the nostrils. \* \* \* Croup \* \* \* carefully rub Muco-Solvent Salve freely over the chest and throat until the difficult breathing is relieved. Then spread it on more thickly and cover with a well heated flannel cloth. A single application is usually sufficient to bring about prompt relief. \* \* \* Sore Throat or Hoarseness. \* \* \* rub Muco-Solvent Salve well on the throat and cover with flannel or other soft rags. Take a small bit of Muco-Solvent Salve about the size of a pea and swallow every hour or so until relieved. Whooping Cough. This is a contagious disease but is self limited and runs a course varying from a few weeks

to several months. Medical authorities have no certain cure. The danger in the disease lies in the weakening effect on the child's system, and subsequent liability to attacks of colds, pneumonia and bronchitis. Muco-Solvent is of particular value in preventing these troubles and in easing the coughing. Directions. Muco-Solvent should be well rubbed over the spinal column from the hips to the neck, this aids in relieving the nervous tension \* \* \* Boils—Pimples \* \* \* Neuralgia \* \* \* Toothache \* \* \* Earache;” and (counter display carton on portion of Muco-Solvent salve) “A Quick Relief for Asthma, Bronchitis, Catarrh \* \* \* Croup, Sore Throat \* \* \* Boils, Pimples \* \* \* Whooping Cough \* \* \* Neuralgia, Influenza.”

On January 9, 1930, no claimant having appeared for the property, judgments were entered by the court ordering that the products be destroyed by the United States marshal.

ARTHUR M. HYDE, *Secretary of Agriculture.*

**17088. Adulteration and misbranding of Nervac. U. S. v. 27 Bottles of Nervac. Default decree of condemnation, forfeiture, and destruction. (F. & D. No. 24122. I. S. No. 021199. S. No. 2308.)**

On October 9, 1929, the United States attorney for the District of New Jersey, acting upon a report by the Secretary of Agriculture, filed in the District Court of the United States for said district a libel praying seizure and condemnation of 27 bottles of Nervac, remaining in the original unbroken packages at Elizabeth, N. J., alleging that the article had been shipped by the Nervac Medicine Co., Bristol, Va., on or about March 6, 1929, and transported from the State of Virginia into the State of New Jersey, and charging adulteration and misbranding in violation of the food and drugs act as amended.

Analysis of a sample of the article by this department showed that it consisted essentially of extracts of plant drugs including laxative drugs, salicylic acid, sugar, glycerin, alcohol (0.89 per cent), flavored with methyl salicylate. No alkaloids of hydrastis (golden seal) were found.

It was alleged in the libel that the article was adulterated in that its strength or purity fell below the professed standard or quality under which it was sold, namely: (Carton) “This preparation combines \* \* \* the medicinal properties of golden seal \* \* \* prepared from the extracts of \* \* \* golden seal;” (circular) “The following roots \* \* \* are used in Nervac \* \* \* golden seal.”

Misbranding was alleged for the reason that the following statements on the labeling were false and misleading: (Bottle) “Alcohol not over 12%;” (carton) “Alcohol 12% \* \* \* This preparation combines \* \* \* the medicinal properties of Golden Seal \* \* \* prepared from the extracts of \* \* \* Golden Seal;” (circular) “The following roots \* \* \* are used in Nervac, \* \* \* Golden Seal.” Misbranding was alleged for the further reason that the following statements regarding the therapeutic or curative effects of the article were false and fraudulent, since it contained no ingredient or combination of ingredients capable of producing the effects claimed: (Bottle and carton) “Nervac \* \* \* Blood Purifier \* \* \* For the treatment of Liver, Kidney and Stomach disorders, Nervous Prostration and all diseases arising from Impure Blood;” (carton only) “A very effective \* \* \* tonic medicine. Nervac Aids Digestion. \* \* \* A trial treatment is convincing proof that it will \* \* \* invigorate the digestion and overcome that languid, tired feeling, and aid in strengthening the nervous system. Nervac is a fine Tonic System Purifier for Children. It aids in their normal development, \* \* \* and assists them in properly digesting and assimilating their food and has a decided effect in restoring lost weight to under-nourished children. It will also prevent them having boils;” (circular) “Nervac \* \* \* A Ray of Health in Every Drop. Nervac Nature's Blood Purifier. Nervac is prepared from the extract of several Roots, Herbs and Barks, known to the Medical Profession for their curative qualities and as a general blood builder and system purifier. \* \* \* Nature's Health Tonic: Golden Seal: This root is a powerful tonic, exerting an especial influence upon the mucous surfaces and tissues with which it comes in contact. Very useful as a stomach tonic and in atonic dyspepsia; cures catarrh of the stomach and headaches accompanying same. Black Cohosh: Is a very active and useful remedy in many diseases, exerting a marked influence over the nervous system. It is successfully used in Periodical Convulsions, Fits, Epilepsy, Nervous Excitability, Asthma, Delirium Tremens, and many spasmodic affections, and in Consumption, Cough, Acute Rheumatism, Neuralgia, and Scrofula. Very useful in Palpitation of